TestAmerica
INCORPORATED

AUG 14 2000

# ANALYTICAL REPORT

Mr. Richard Tyler
MILBANK MANUFACTURING INC
1400 E. Havens Street
Kokomo, IN 56901-3188

08/03/2000

Job Number: 00.03721


Enclosed are the Analytical Results for the following samples submitted to TestAmerica, Inc. Indianapolis Division for analysis:

Project Description: WASTEWATER ANALYSIS

| Sample Number | Sample Description | Date Taken | Date Received |
|---|---|---|---|
| 271217 | TWICE A MONTH - ZINC ONLY | 07/20/2000 | 07/21/2000 |

TestAmerica, Inc. certifies that the analytical results contained herein apply only to the specific samples analyzed.



Project Representative

6964 Hillsdale Court / Indianapolis, IN 46250 / 317-842-4261 / Fax: 317-842-4286 / 800-485-0204

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Job No.: 00.03721


Date Received: 07/21/2000
Job Description: WASTEWATER ANALYSIS

| Sample Number / Sample I.D.<br>Parameters | Wet Wt. Result | Flag | Sample Date/<br>Units | Analyst<br>Date & Time Analyzed | Method | Reporting<br>Limit |
|---|---|---|---|---|---|---|
| 271217 TWICE A MONTH - ZINC ONLY | | | 07/20/2000 15:30 | | | |
| Zinc, ICP | <0.020 | | mg/L | lad 07/31/2000 | EPA 200.7 | <0.020 |

# KEY TO ABBREVIATIONS

| | |
|---|---|
| < | Less than; when appearing in the result column, indicates analyte not detected at or above the Reporting Limit. |
| % | Percent; To convert ppm to %, divide result by 10,000. To convert % to ppm, multiply the result by 10,000. |
| * | Indicates the Reporting Limit is elevated due to insufficient sample volume. |
| mg/L | Part per million; Concentration in units of milligrams of analyte per Liter of aqueous sample. |
| ug/L | Part per billion; Concentration in units of micrograms of analyte per Liter of aqueous sample. |
| mg/kg | Part per million; Concentration in units of milligrams of analyte per kilogram of non-aqueous sample. |
| ug/kg | Part per billion; Concentration in units of micrograms of analyte per kilogram of non-aqueous sample. |
| a | Indicates the sample concentration was quantitated using a diesel fuel standard. |
| b | Indicates the analyte of interest was also found in the method blank. |
| c | Sample resembles unknown Hydrocarbon. |
| dw | When indicated, the result is reported on a dry weight basis. The contribution of the moisture content in the sample has been subtracted when calculating the concentration. |
| d1 | Indicates the analyte has elevated Reporting Limit due to high concentration. |
| d2 | Indicates the analyte has elevated Reporting Limit due to matrix. |
| e | Indicates the reported concentration is estimated. |
| g | Indicates the sample concentration was quantitated using a gasoline standard. |
| h | Indicates the sample was analyzed past recommended holding time. |
| i | Insufficient spike concentration due to high analyte concentration in the sample. |
| j | Indicates the reported concentration is below the Reporting Limit. |
| k | Indicates the sample concentration was quantitated using a kerosene standard. |
| l | Indicates an MS/MSD was not analyzed due to insufficient sample. An LCS / LCS Duplicate provided for precision. |
| m | Indicates the sample concentration was quantitated using a mineral spirits standard. |
| o | Indicates the sample concentration was quantitated using a motor oil standard. |
| p | Indicates the sample was post spiked due to sample matrix. |
| q | Indicates MS/MSD exceeded control limits. The associated sample may exhibit similar matrix bias. All other quality control indicators are in control. |
| r | Indicates the sample was received past recommended holding time. |
| u | Indicates the sample was received improperly preserved and/or improperly contained. |
| uj | Indicates the result is below the Reporting Limit and is considered estimated. |
| z | Indicates the BOD dilution water blank depletion was between 0.2 and 0.5 mg/L. |

*Chain of Custody Record*

# TESTAMERICA INC.

AUG 14 2000

F ___ of ___

❒ Asheville, NC (A) (828) 254-5169 ❒ Bartlett, IL (C) (630) 289-3100 ❒ Cedar Falls, IA (E) (319) 277-2401 ❒ Charlotte, NC (G) (704) 392-1164 ❒ Dayton, OH (I) (937) 294-6856 ❒ Lumberton, NC (K) (910) 738-6190 ❒ Nashville, TN (M) (615) 726-0177 ❒ Pontiac, MI (O) (248) 332-1940 ❒ Rockford. Il (Q) (815) 874-2171

❒ Atlanta, GA (B) (770) 368-0636 ❒ Brighton, CO (D) (303) 659-0497 ❒ Charleston, SC (F) (843) 849-6550 ❒ Columbia, SC (H) (803) 796-8989 ❒ Davenport. IA (J) (319) 323-7944 ☒ Indianapolis, IN (L) (317) 842-4261 ❒ Macon, GA (N) (912) 757-0811 ❒ Orlando, FL (P) (407) 851-2560 ❒ Watertown, WI (R) (920) 261-1660

| | |
|---|---|
| Client: Milbank | Project No.: |
| Report Address: | Invoice Address: |
| | |
| Attn: | Attn: |
| Phone No.: | Sampled By: ME Milliken |
| Fax No.: | P.O. No: |
| **TURNAROUND TIME** | Quote No. |
| ☒ Standard | State Samples Collected |
| ❒ Rush (surcharges may apply) | Date Needed: |

**REQUESTED PARAMETERS**

Zn

Is this work being conducted for regulatory compliance monitoring? Yes___ No___

Is this work being conducted for regulatory enforcement action? Yes___ No___

Which regulations apply:
RCRA____ NPDESWastewater____
UST____ Drinking Water____
Other___ None____

| Sample ID | Date 2000 | Time | Comp (C) Grab (G) | Matrix | Lab Use | Zn | # and type of containers: HCl | NaOH | $HNO_3$ | $H_2SO_4$ | Other | None | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| weekly | 7/20 | 1530 | C | WW | | X | | | | | | 18 | Please composite using flow readings |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | |

QC Deliverables: ❒ None ❒ Level 2 - Batch QC ❒ Level 3 ❒ Level 4 ❒ Other

Init Lab Temp | Rec Lab Temp

COMMENTS:

| | | | | | |
|---|---|---|---|---|---|
| Relinquished By: ME Milliken | Date 7/21/00 | Time 1547 | Received By: | Date 7/21 | Time 1547 |
| Relinquished By: | Date | Time | Received By: | Date | Time |
| Relinquished By: | Date | Time | Received By: | Date | Time |
| Relinquished By: | Date | Time | Received By: | Date | Time |

**LAB USE ONLY:**

Custody Seal: ❒ Yes ❒ No ❒ N/A

Bottles Supplied by TA: ❒ Yes ❒ No

MIL0003848

DAILY: EVERY DAY SYSTEM RUNS
1X WEEK: 1 DAY OF WEEK COMPOSITE IS TAKEN (USUALLY THURSDAY)
1X MONTH: TO BE TAKEN FIRST WEEK COMPOSITE IS TAKEN FOR THAT MONTH
SEMI-ANNUAL: TO BE TAKEN FIRST WEEK IN JUNE AND FIRST WEEK IN DECEMBER

# PART I

## A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

Beginning the effective date of this permit and lasting until the expiration date, the permittee is authorized to discharge process wastewater, through discharge point # 2. Discharge through discharge point # 2 shall be limited and monitored by the permittee as specified below: [1]

| | Discharge Limitations | | Monitoring Requirements | | | |
|---|---|---|---|---|---|---|
| | Regulated Parameter | Maximum for Any one Day mg/L | RESULT | DATE TAKEN | Monitoring Frequency | Sample Type |
| Cd | Cadmium[5] | .02 | | | Semi-Annual | Composite[2] |
| Cr | Total Chromium[5] | 2.0 | | | Semi-Annual | Composite[2] |
| Cu | Copper[5] | 0.60 | | | Semi-Annual | Composite[2] |
| Ca | Cyanide | 0.50 | | | Semi-Annual | Grab |
| Pb | Lead[5] | 0.10 | | | Semi-Annual | Composite[2] |
| Ni | Nickel[5] | 0.80 | | | Semi-Annual | Composite[2] |
| Ag | Silver[5] | 0.24 | | | Semi-Annual | Composite[2] |
| Zn | Zinc[5] | 1.25 | <0.020 | | 1 X Week | Composite[2] |
| FOG | Oil and Grease[6] | 100 | | | Semi-Annual | Grab |
| OIL + GREASE HYDROCARBONS | TPH[6] | (Monitor and report) | | | Semi-Annual | Grab |
| | pH | 6-10 | | | Daily | Grab |
| | CBOD [4] | (Monitor and report) | | | 1 X Month | Composite[2] |
| Nh3 | Ammonia [4] | (Monitor and report) | | | 1 X Month | Composite[2] |
| | COD [4] | (Monitor and report) | | | 1 X Month | Composite[2] |
| | TSS [4] | (Monitor and report) | | | 1 X Month | Composite[2] |
| | Flow | N/A | | | Daily [3] | |
| * | TTO | 2.13 | | | Semi-Annual | Grab |
| | Phenol | 0.50 | | | Semi-Annual | Grab |
| Mo | Molybdenum[5] | (Monitor and report) | | | 1 X Month | Composite[2] |

* SEND TTO CERTIFICATION STATEMENT IN LIEU OF MONITORING ALONG WITH 40 CFR CATEGORICAL STATEMENT. MUST BE SENT EVERY JUNE AND DECEMBER (SEMI-ANNUAL)

DATE: JULY 20TH, 2000

# MILBANK MANUFACTURING COMPANY

| TIME | METER READING | INITIALS |
|---|---|---|
| 7:30 | 2230 | SLH |
| 8:00 | 2380 | SLH |
| 8:30 | 2540 | SLH |
| 9:00 | 2680 | SLH |
| 9:30 | 2930 | SLH |
| 10:00 | 3080 | SLH |
| 10:30 | 3260 | SLH |
| 11:00 | 3510 | SLH |
| 11:30 | 3630 | SLH |
| 12:00 | 3810 | SLH |
| 12:30 | 4070 | SLH |
| 1:00 | 4330 | SLH |
| 1:30 | 4590 | SLH |
| 2:00 | 4820 | SLH |
| 2:30 | 5040 | SLH |
| 3:00 | 5170 | SLH |
| 3:30 | 5270 | SLH |

Please test for the following highlighted 7-20-00



PART I

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Beginning the effective date of this permit and lasting until the expiration date, the permittee is authorized to discharge process wastewater, through discharge point # 2. Discharge through discharge point # 2 shall be limited and monitored by the permittee as specified below: [1]

| Discharge Limitations | | Monitoring Requirements | |
|---|---|---|---|
| Regulated Parameter | Maximum for Any one Day mg/L | Monitoring Frequency | Sample Type |
| Cadmium[5] | .02 | Semi-Annual | Composite[2] |
| Total Chromium[5] | 2.0 | Semi-Annual | Composite[2] |
| Copper[5] | 0.60 | Semi-Annual | Composite[2] |
| Cyanide | 0.50 | Semi-Annual | Grab |
| Lead[5] | 0.10 | Semi-Annual | Composite[2] |
| Nickel[5] | 0.80 | Semi-Annual | Composite[2] |
| Silver[5] | 0.24 | Semi-Annual | Composite[2] |
| Zinc[5] | 1.25 | 1 X Week | Composite[2] |
| Oil and Grease[6] | 100 | Semi-Annual | Grab |
| TPH[6] | (Monitor and report) | Semi-Annual | Grab |
| pH | 6-10 | Daily | Grab |
| CBOD [4] | (Monitor and report) | 1 X Month | Composite[2] |
| Ammonia [4] | (Monitor and report) | 1 X Month | Composite[2] |
| COD [4] | (Monitor and report) | 1 X Month | Composite[2] |
| TSS [4] | (Monitor and report) | 1 X Month | Composite[2] |
| Flow | N/A | Daily [3] | |
| TTO | 2.13 | Semi-Annual | Grab |
| Phenol | 0.50 | Semi-Annual | Grab |
| Molybdenum[5] | (Monitor and report) | 1 X Month | Composite[2] |